

Fig. 1

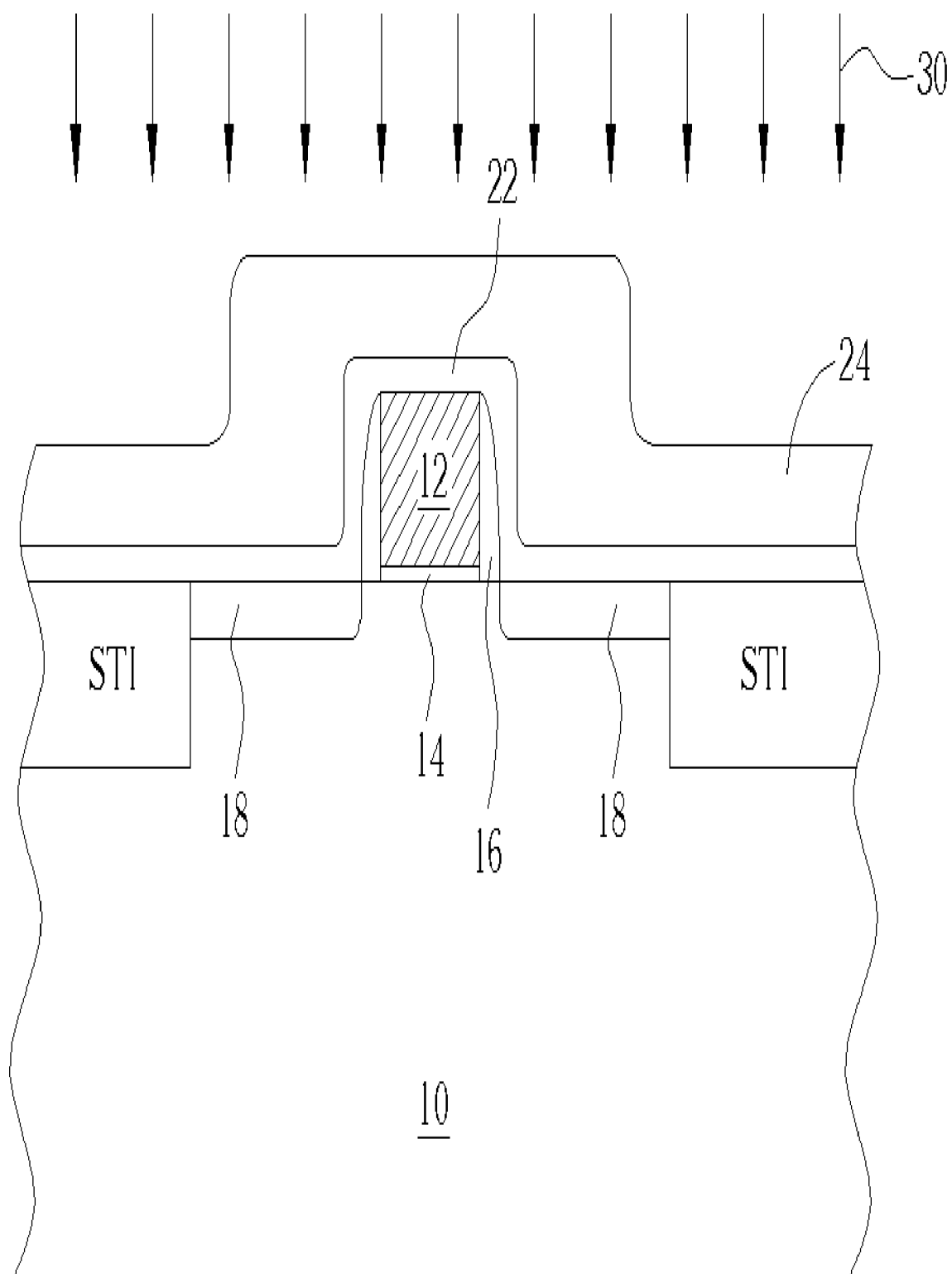


Fig. 2

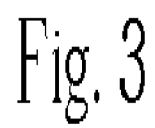


Fig. 3

Implanted species	Energy(Kev)	Dose (atoms/cm ²)	Projected range
Germanium(Ge)	25~100	5E14~5E15	1/2 Rp~Rp
Xenon(Xe)	35~100	2E14~5E14	1/2 Rp~Rp

Fig. 4

Implanted species	Energy (Kev)	Dose (atoms/cm2)	Stress (dyne/cm2)	Junction depth (nm)	Rs (ohm/sq)
Germanium(Ge)	25	1E 15	1.19E10	24	4634
Germanium(Ge)	50	1E 15	6.581E09	27	3969
Germanium(Ge)	100	5E 15	-2.27E09	28	1787

Fig. 5